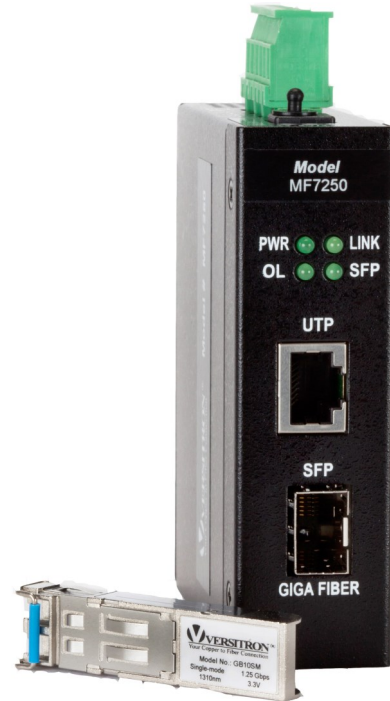


MF7250 Industrial Media Converter 1000Base-TX to 1000Base-FX

Product Features

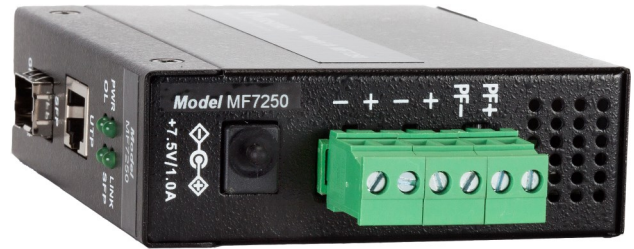
- Provides direct media conversion for Gigabit copper & fiber
- Full wire speed performance
- SFP flexibility
- Best conversion latency
- Any packet size
- No packet length limitation
- Supports auto-negotiation with link partners
- Provides link pass through between copper and fiber link
- Two power interface types
- Optional DIN Rail or panel mounting
- Link fault pass through
- Low power consumption



Technical Specifications

Standards:	IEEE 802.3ab, 802.3z
Conversion:	Direct 1000Base-T to 1000Base-X with minimum latency
Packet Types:	Transparent conversion with no modification to: <ul style="list-style-type: none"> • Standard IEEE 802.3 Ethernet packet frames • IEEE 802.1Q tagged packet frames
Copper Port (TP):	Shielded RJ-45 jack, 1000Mbps Auto-negotiation for duplex and flow control Auto-MDI/MDI-X crossover function
Fiber Port (FX):	SFP slot Far end fault support
Network Cables:	Copper Port: Cat5e or higher up to 100 meters Fiber Port: 50/125, 62.5/125 Multi-Mode Fiber, 9/125 Single-Mode Fiber
LEDs:	Power Status, SFP On Status, Link Status, Optical Link Status
Power Input:	Screw Terminal Block: 2 pairs of +/- contacts 1 pair of power alarm relay output contacts DC Jack: -D 6.3mm / +D 2.0mm Operating Voltage Range: +7 ~ +30VDC
Power Consumption:	2W max. @ 30VDC power input

MF7250 Industrial Media Converter
1000Base-TX to 1000Base-FX

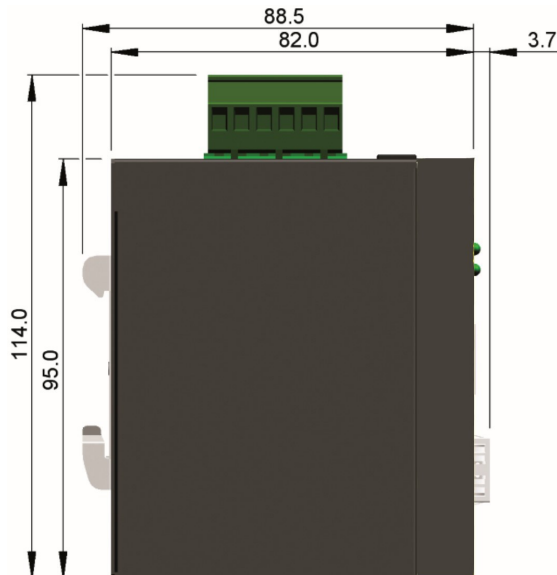


MF7250 Front Panel View

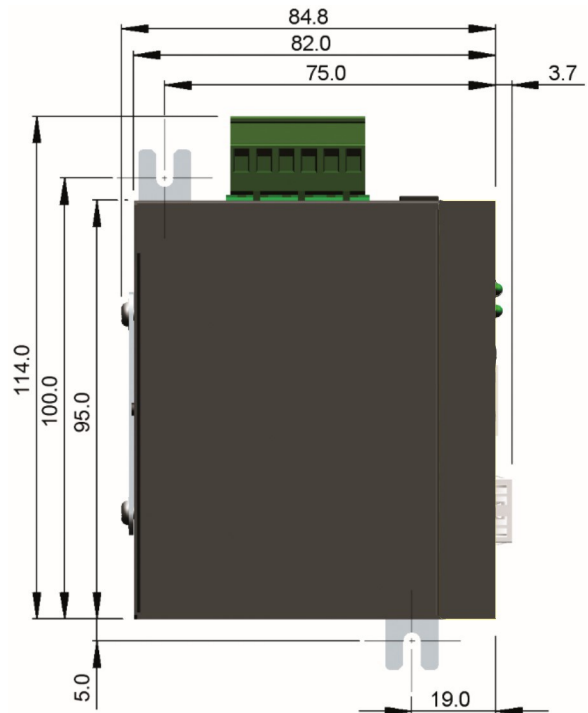
Technical Specifications Cont.

Environment:	Operating Temperature: -20° C ~ 70° C Storage Temperature: -20° C ~ 85° C Humidity: 5% ~ 95% non-condensing
Dimensions:	1.10 x 3.23 x 3.74 inches (28 x 82 x 95 mm), 8.47 ounces (240 g)
Mounting Support:	Stand-Alone or Optional DIN Rail, Panel Mounting Kits
Approval:	FCC Class B, CE Class B, EN60950 Safety

Dimensions (mm) with DRB-1 DIN Rail Mounting Kit



Dimensions (mm) with PMB-3 Panel Mounting Kit



MF7250 Industrial Media Converter

1000Base-TX to 1000Base-FX

Available SFP Modules

Model	Speed (Mbps)	Wavelength	Media	Distance	Connector	TX Power	RX Sens	Temp
GBMM	1000	850nm	MMF	62.5μ: 220m 50μ: 550m	LC	-9.5 ~ -4	< -18	0 to 70° C
GB2MM	1000	1310nm	MMF	2km	LC	-9 ~ -1	< -19	0 to 70° C
GB10SM	1000	1310nm	MMF / SMF	MM 62.5μ: 220m MM 50μ: 550m SM 9μ: 10km	LC	-9.5 ~ -3	< -20	0 to 70° C
GB20SM	1000	1310nm	SMF	20km	LC	-4 ~ +1	< -24	0 to 70° C
GB40SM	1000	1550nm	SMF	40km	LC	-4 ~ +1	< -24	0 to 70° C
GB70SM	1000	1550nm	SMF	70km	LC	0 ~ +5	< -24	0 to 70° C
GB100SM	1000	1550nm	SMF	100km	LC	0 ~ +5	< -30	0 to 70° C
GB10SFA	1000	Tx: 1310nm Rx: 1550nm	SMF	10km	LC	-3 ~ -9	< -21	0 to 70° C
GB10SFB	1000	Tx: 1550nm Rx: 1310nm	SMF	10km	LC	-3 ~ -9	< -21	0 to 70° C
GB20SFA	1000	Tx: 1310nm Rx: 1550nm	SMF	20km	LC	-3 ~ -8	< -23	0 to 70° C
GB20SFB	1000	Tx: 1550nm Rx: 1310nm	SMF	20km	LC	-3 ~ -8	< -23	0 to 70° C
GB40SFA	1000	Tx: 1310nm Rx: 1550nm	SMF	40km	LC	-3 ~ +2	< -23	0 to 70° C
GB40SFB	1000	Tx: 1550nm Rx: 1310nm	SMF	40km	LC	-3 ~ +2	< -23	0 to 70° C
GB60SFA	1000	Tx: 1310nm Rx: 1550nm	SMF	60km	LC	0 ~ +5	< -24	0 to 70° C
GB60SFB	1000	Tx: 1550nm Rx: 1310nm	SMF	60km	LC	-2 ~ +4	< -25	0 to 70° C
GB80SFA	1000	Tx: 1310nm Rx: 1550nm	SMF	80km	LC	-2 ~ +3	< -26	0 to 70° C
GB80SFB	1000	Tx: 1550nm Rx: 1310nm	SMF	80km	LC	-2 ~ +3	< -26	0 to 70° C

CWDM and DWDM modules are also available. Call for details.